ABSTRACT

Context-aware systems and methods, location-aware systems and methods, context-aware vehicles and methods of operating the same, and location-aware vehicles and methods of operating the same are described. In various embodiments, a context or location service module, implemented in software, determines a vehicle context or a vehicle location based upon information that it receives from various context providers or location providers respectively. Software executing on a vehicle's computer can then cause one or more applications that are associated with a vehicle computer to be modified in a manner that changes their behavior. The behavior modification is based on the current context or location of the vehicle and thus provides a context-specific or location-specific user experience. The context or location can be ascertained through the use of one or more hierarchical tree structures that comprises individual nodes. Each node is associated with a context or location. The nodes are traversable by the vehicle's software to ascertain a more complete context or location.